	Application No.	Applicant(s)
•	10/694 776	
Notice of Allowability	10/684,776 Examiner	DIETZ ET AL. Art Unit
•		
	Moustafa M. Meky	2157
The MAILING DATE of this communication app All claims being allowable, PROSECUTION ON THE MERITS IS herewith (or previously mailed), a Notice of Allowance (PTOL-85 NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT R of the Office or upon petition by the applicant. See 37 CFR 1.313	(OR REMAINS) CLOSED in to ) or other appropriate commun (IGHTS. This application is sub	his application. If not included ication will be mailed in due course. <b>THIS</b>
1. This communication is responsive to the response and the	e declaration under 37 CFR 1.1	<u>31 filed 3/4/2005</u> .
2. The allowed claim(s) is/are <u>11-59</u> .		
3. $\boxtimes$ The drawings filed on <u>14 October 2003</u> are accepted by the	ne Examiner.	
Acknowledgment is made of a claim for foreign priority u  a) ☐ All b) ☐ Some* c) ☐ None of the:  1. ☐ Certified copies of the priority documents have 2. ☐ Certified copies of the priority documents have 3. ☐ Copies of the certified copies of the priority documents have International Bureau (PCT Rule 17.2(a)).  * Certified copies not received:	e been received. e been received in Application	No
Applicant has THREE MONTHS FROM THE "MAILING DATE" noted below. Failure to timely comply will result in ABANDONN THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.	of this communication to file a MENT of this application.	reply complying with the requirements
5. A SUBSTITUTE OATH OR DECLARATION must be subminformal PATENT APPLICATION (PTO-152) which give	nitted. Note the attached EXAN es reason(s) why the oath or d	IINER'S AMENDMENT or NOTICE OF eclaration is deficient.
6. CORRECTED DRAWINGS ( as "replacement sheets") mu	st be submitted.	
(a) ☐ including changes required by the Notice of Draftsper		PTO-948) attached
1) 🗌 hereto or 2) 🔲 to Paper No./Mail Date		·
(b) ☐ including changes required by the attached Examiner Paper No./Mail Date	's Amendment / Comment or in	the Office action of
Identifying indicia such as the application number (see 37 CFR 1 each sheet. Replacement sheet(s) should be labeled as such in the	I.84(c)) should be written on the the header according to 37 CFR	drawings in the front (not the back) of 1.121(d).
7. DEPOSIT OF and/or INFORMATION about the deposit attached Examiner's comment regarding REQUIREMENT	osit of BIOLOGICAL MATER FOR THE DEPOSIT OF BIOL	RIAL must be submitted. Note the OGICAL MATERIAL.
Attachment(s) 1. ☑ Notice of References Cited (PTO-892) 2. ☑ Notice of Draftperson's Patent Drawing Review (PTO-948)	6. 🗌 Interview Sum	rmal Patent Application (PTO-152)
<ul> <li>Information Disclosure Statements (PTO-1449 or PTO/SB/0 Paper No./Mail Date</li></ul>	J8), /. ∐ Examiner's Ar	ail Datenendment/Comment atement of Reasons for Allowance
		MOUSTAFA M. MEKY PRIMARY EXAMINER

U.S. Patent and Trademark Office PTOL-37 (Rev. 1-04) Application/Control Number: 10/684,776

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## **REASONS FOR ALLOWANCE**

The following is an examiner's statement of reasons for allowance: None of the prior art of record taken singularly or in combination teaches or suggest:

- looking up using at least some of selected packet portions and determining if the packet is of an existing flow, if the packet is of an existing flow, classifying the packet as belonging to the found existing flow, and if the packet is of a new flow, storing a new flow-entry for the new flow in a flow-entry database, including identifying information for future packets to be identified with the new flow-entry, wherein the database comprising none or more flow-entries for previously encountered conversational flows (claims 11 & 29);
- looking up using at least some of selected packet portions and determining if the packet is of an existing flow, obtaining the last encountered state of the flow and performing any state operations specified for the state of the flow starting from the last encountered state of the flow, and if the packet is of a new flow, performing any analysis required for the initial state of the new flow and storing a new flow-entry for the new flow in flow-entry database, including identifying information for future packets to be identified with the new flow-entry (claim 54).

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably Application/Control Number: 10/684,776

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accompany the issue fee. Such submissions should be clearly labeled "Comments on

Statement of Reasons for Allowance."

Any inquiry concerning this communication or earlier communications from the

examiner should be directed to Moustafa M. Meky whose telephone number is 571-272-

4005. The examiner can normally be reached on flex.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's

supervisor, Ario Etienne can be reached on 571-272-4001. The fax phone number for

the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the

Patent Application Information Retrieval (PAIR) system. Status information for

published applications may be obtained from either Private PAIR or Public PAIR.

Status information for unpublished applications is available through Private PAIR only.

For more information about the PAIR system, see http://pair-direct.uspto.gov. Should

you have questions on access to the Private PAIR system, contact the Electronic

Business Center (EBC) at 866-217-9197 (toll-free).

MMM 4/29/2005 LOWARD M. MEKY

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PRIMARY EXAMINER